



AUTO.ERECT, AUTO.MINIMIZE and
PAPERplus® Track
Pneumatic systems and components

MORE EFFICIENT PACKAGING PROCESSES THROUGH INTEGRATED AUTOMATION

Emerson is a global leader in technology and automation, providing innovative solutions for the process and manufacturing industries. At its Laatzen site, Emerson develops and markets advanced pneumatic systems and components under the Aventics brand that make packaging processes more efficient, safer, and more sustainable. By combining state-of-the-art valve technology, sensor technology, and intelligent controls, Emerson helps machine manufacturers and end users increase productivity, reduce downtime, and optimize packaging processes.

CHALLENGE – PROCESS OPTIMIZATION AND SUSTAINABILITY

To handle the growing shipping volume, Emerson had already been using protective packaging with PAPERplus® Track, manual carton sealing, and strapping. But increasing throughput requirements with the same number of staff, new legal requirements, and the desire to save paper meant something had to be done. In addition, processes needed to be stabilized, made more ergonomic, and disruptions during operation avoided – without compromising the quality or protection of sensitive components.

PRODUCTS:

Pneumatic systems and components

SCOPE:

AUTO.ERECT, AUTO.MINIMIZE and
PAPERplus® Track

OUTPUT:

20 % more boxes



SOLUTION –
AUTOMATED INTEGRATION
WITH AUTO.ERECT, AUTO.MINIMIZE, AND
PAPERplus® Track

Emerson opted for a customized solution from Storopack, whose machines not only offer impressive flexibility but are also designed to meet individual customer requirements—including integration of Emerson's pneumatic components.

The packaging processes were automated: cartons are erected fully automatically with AUTO.ERECT, transported to the packing stations as needed, and filled with PAPERplus® Track. The remaining empty space in the carton is then reduced with AUTO.MINIMIZE and the carton is sealed. Finally, the shipping label is applied – a compact line without additional conveyor technology.

During installation while operations were ongoing, the focus was on integrating the new solution into existing processes without disrupting the packaging flow.

„It was particularly important for us to minimize interruptions in the packaging process for our employees while ensuring smooth operations.“

MAIK DAMRO,
PROJECT MANAGER, EMERSON



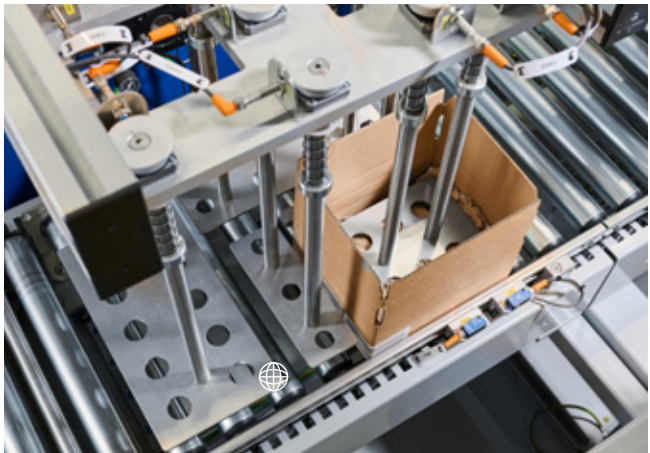
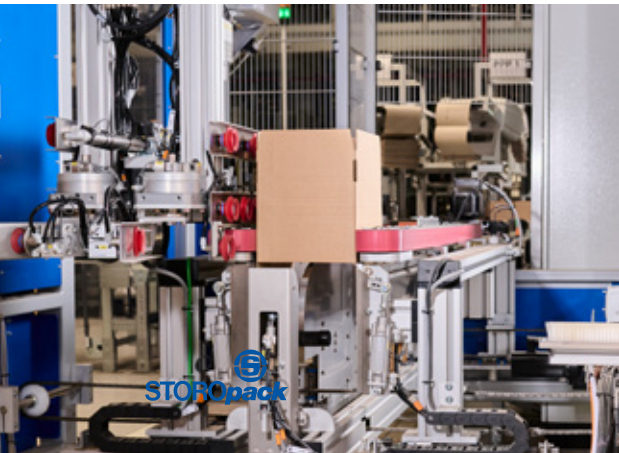
 Watch how Emerson successfully implements the solution.
www.storopack.com/emerson-video



RESULT –
HIGHER THROUGHPUT
AND MATERIAL
REDUCTION

After the installation, the success of the modernization became clear: packaging output per employee rose from 200 to 240 packages per day. Automatic volume reduction and optimized carton filling significantly reduced the consumption of PAPERplus® Track. Thanks to reduced carton volume and the single-material solution, Emerson not only meets current sustainability and legal requirements such as the PPWR, but is also equipped for future automation stages.

With the new Storopack solution, Emerson has a more efficient, future-proof, and automated packaging process—faster, more resource-efficient, and optimally tailored to the product portfolio.



*Packaging output per employee increased from 200 to 240 boxes per day

STOROPACK – PERFECT PROTECTIVE PACKAGING

Wherever in the world you send your products, we want them to be well protected while in transit.

ALL BASES COVERED

We at Storopack would like to offer our customers the very best, which is why we take great pride in the ability to listen, comprehensive consulting, and long-term services across all sectors. Our products and solutions are tailored specifically to your requirements. We support you until you achieve the ideal results and even beyond – locally around the world.

 **More about Working Automation:** www.storopack.com/working-automation

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